

METAL ANCHORS METALLANKER ANCRAGES MÉTALLIQUES METAALANKERS

LIEBIG® SAFETY BOLT / TYPE S, TYPE B
 LIEBIG® SICHERHEITSDÜBEL / TYP S, TYP B
 LIEBIG® BOULON DE SECURITE / TYPE S, TYPE B
 LIEBIG® ZWAARLASTANKERS / TYPE S, TYPE B



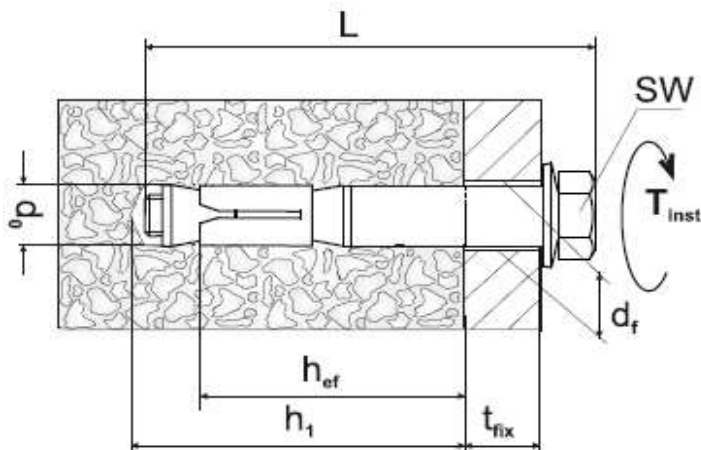
TYPE S

TYPE S with hexagonal bolt, zinc plated
 mit Sechskantschraube, galvanisch verzinkt
 acier électro galvanisé (version boulon)
 elektrolytisch verzinkt (zeskant bout versie)

RANGE AND PACKAGES

TYPE S

CODE		PACKAGES
		BOX
LS0610045005	S M6-10/45/5	50
LS0610045015	S M6-10/45/15	50
LS0610045040	S M6-10/45/40	50
LS0812055005	S M8-12/55/5	25
LS0812055015	S M8-12/55/15	25
LS0812055040	S M8-12/55/40	25
LS1015070005	S M10-15/70/5	25
LS1015070015	S M10-15/70/15	25
LS1015070040	S M10-15/70/40	10
LS1220080005	S M12-20/80/5	10
LS1220080015	S M12-20/80/15	10
LS1220080040	S M12-20/80/40	10
LS1625100005	S M16-25/100/5	5
LS1625100015	S M16-25/100/15	5
LS1625100040	S M16-25/100/40	5



INSTALLATION PARAMETERS AND CAPACITIES

TYPE	FIXING DETAILS									PERMISSIBLE LOADS ^(1,2) ZULASSIGE LASTEN ^(1,2) CHARGES ADMISSIBLES ^(1,2) TOELAATBARE BELASTING ^(1,2)		
	ANCHOR AND FIXTURE DETAILS					INSTALLATION DATA				TENSION		SHEAR ⁽³⁾
M - d _f / h _{ef} / t _{fix}	size	L	d _f	SW	t _{fix}	d ₀	h ₁	h _{ef}	T _{inst}	N _{sk}	V _{sk}	
	mm	(S/B) mm	mm	mm	mm	mm	mm	mm	(S/B) Nm	kN	kN	
M6-10/45/5	M6	70	12	10	5	10	60	45	8	3,0 (2,4*)	7,2 (5,2*)	
M6-10/45/15	M6	80	12	10	15	10	60	45	8	3,0 (2,4*)	7,2 (5,2*)	
M6-10/45/40	M6	105	12	10	40	10	60	45	8	3,0 (2,4*)	7,2 (5,2*)	
M8-12/55/5	M8	80/85	14	13	5	12	70	55	20/15	4,8 (3,6*)	9,8 (7,0*)	
M8-12/55/15	M8	90/95	14	13	15	12	70	55	20/15	4,8 (3,6*)	9,8 (7,0*)	
M8-12/55/40	M8	115/120	14	13	40	12	70	55	20/15	4,8 (3,6*)	9,8 (7,0*)	
M8-12/55/65	M8	145	14	13	65	12	70	55	15	4,8 (3,6*)	9,8 (7,0*)	
M8-12/55/100	M8	180	14	13	100	12	70	55	15	4,8 (3,6*)	9,8 (7,0*)	
M10-15/70/5	M10	95/100	17	17	5	15	85	70	60/40	9,5 (7,6*)	22,3 (20,1*)	
M10-15/70/15	M10	105/110	17	17	15	15	85	70	60/40	9,5 (7,6*)	22,3 (20,1*)	
M10-15/70/40	M10	130/135	17	17	40	15	85	70	60/40	9,5 (7,6*)	22,3 (20,1*)	
M10-15/70/65	M10	160	17	17	65	15	85	70	40	9,5 (7,6*)	22,3 (20,1*)	
M10-15/70/100	M10	195	17	17	100	15	85	70	40	9,5 (7,6*)	22,3 (20,1*)	
M12-20/80/5	M12	113/120	21	19	5	20	100	80	90/70	17,2 (12,3*)	34,3 (24,5*)	
M12-20/80/15	M12	123/130	21	19	15	20	100	80	90/70	17,2 (12,3*)	34,3 (24,5*)	
M12-20/80/40	M12	148/155	21	19	40	20	100	80	90/70	17,2 (12,3*)	34,3 (24,5*)	
M12-20/80/65	M12	180	21	19	65	20	100	80	70	17,2 (12,3*)	34,3 (24,5*)	
M12-20/80/100	M12	215	21	19	100	20	100	80	70	17,2 (12,3*)	34,3 (24,5*)	
M16-25/100/5	M16	145/150	26	24	5	25	125	100	170/115	24,0 (17,1*)	48,0 (34,3*)	
M16-25/100/15	M16	155/160	26	24	15	25	125	100	170/115	24,0 (17,1*)	48,0 (34,3*)	
M16-25/100/40	M16	180/185	26	24	40	25	125	100	170/115	24,0 (17,1*)	48,0 (34,3*)	
M16-25/100/65	M16	210	26	24	65	25	125	100	115	24,0 (17,1*)	48,0 (34,3*)	
M16-25/100/100	M16	245	26	24	100	25	125	100	115	24,0 (17,1*)	48,0 (34,3*)	

* Values in brackets for cracked C20/25.

* Werte in Klammern für gerissenen Beton C20/25.

* Valeurs entre parentheses pour béton fissuré C20/25.

* Waarden in () zijn geldig voor gescheurd beton C20/25.